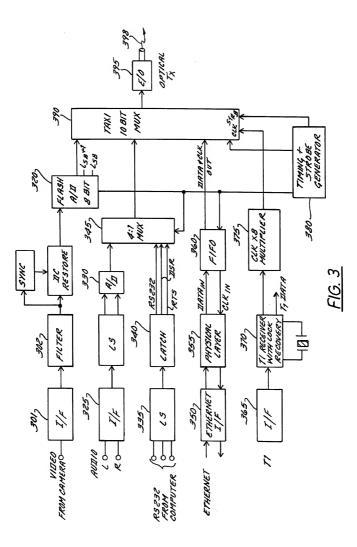
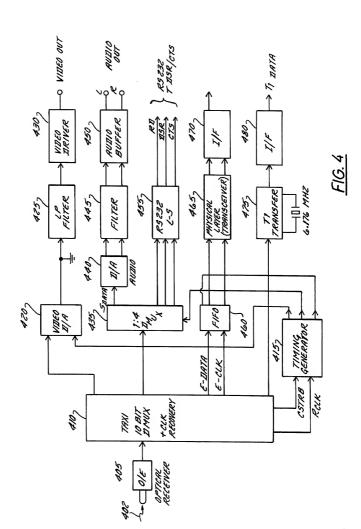
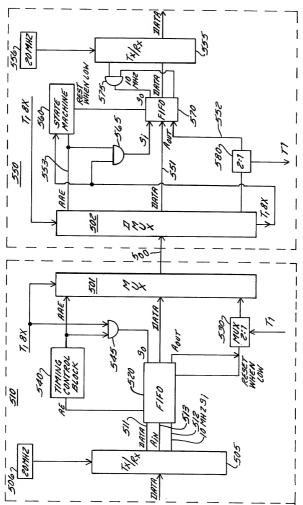


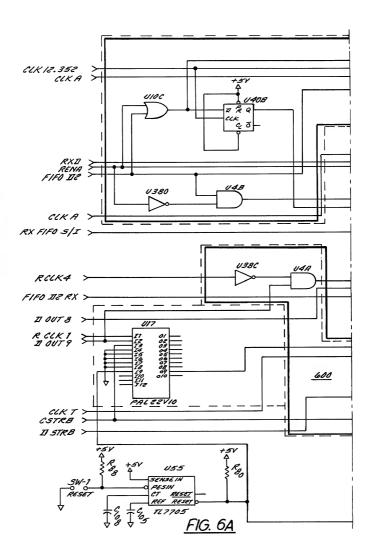
FIG. 2

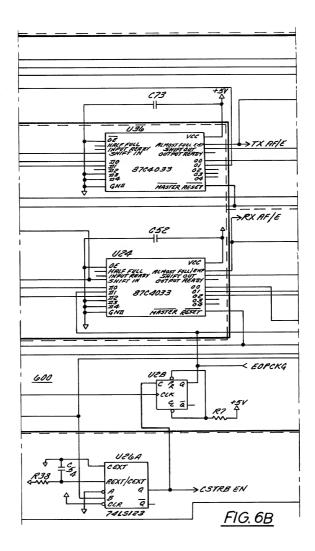


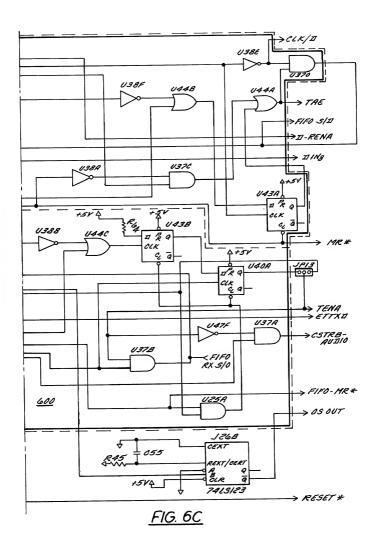


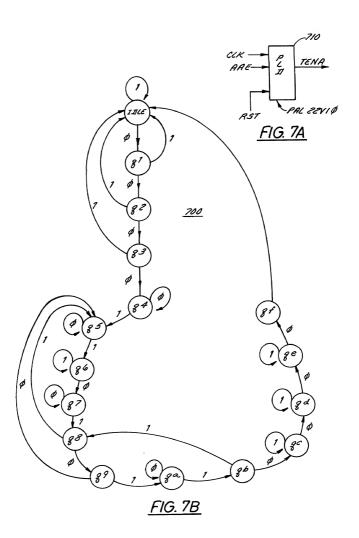


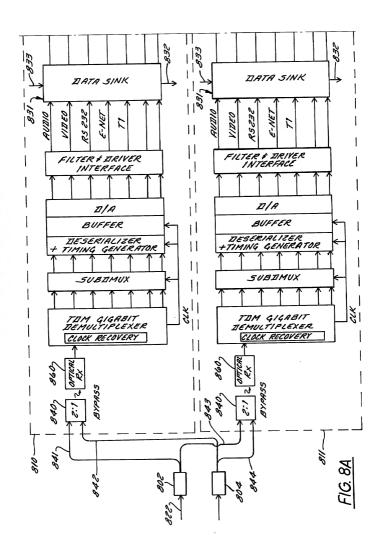
F1G. 5

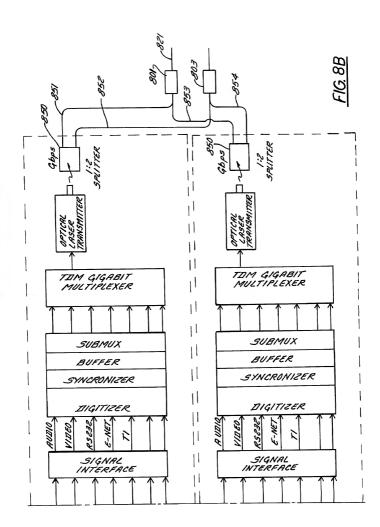


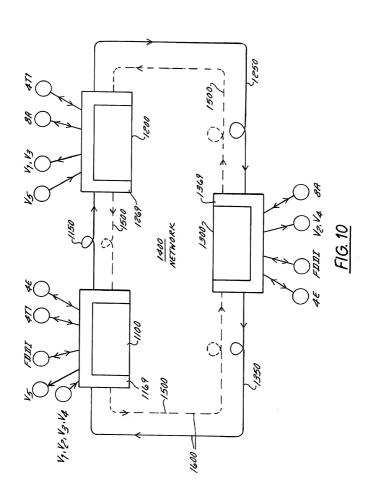


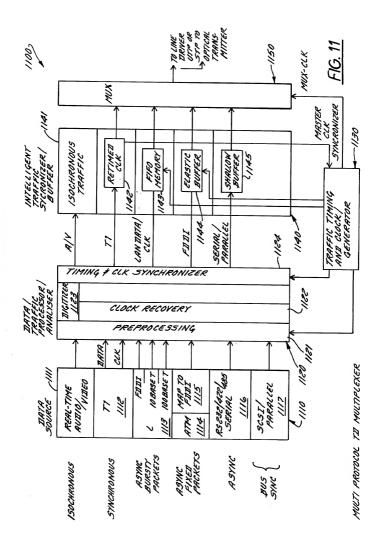


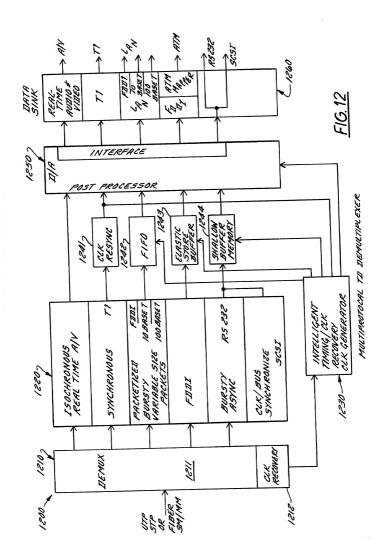






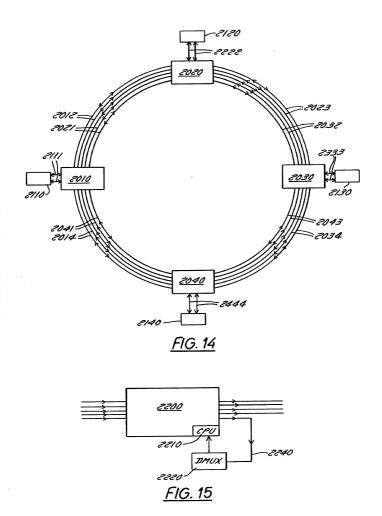






DATA TYPE	MULTIPLEXER DEMULTIPLEXER INTERFACE REQUIREMENT	DATA RATE	TIMING SENSITIVITY
AUDIO/ VIDEO MULTIMEDIA	• CONTINUOUS SAMPLING • LOCK MATCHING • MINUMUM BUFFERING	VARIABLE BIT RATE IN COMPRESSET MOTE UNCOMPRESSET DEFENTS ON RESOLUTION # SAMPLING RATE	AUTIOJ VITEO SYNCHRON- IZATION
RS 232/422/485 SERIAL ASYNCHRONOUS	CAN USE BUFFER OR LOW SPEEDS USE OVERSAMPLING	VARIBLE IOKOS - IOMO/S	BAUII RATES NEEII MATCHING —————
SCSI PARALLEL BUS SYNCHRONIZED	REQUIRE FIFO MEMORY	VARIABLE - 40 MBYTE/S	INTERLOCKETI HANTISHAKE BUS TIMING SYNCHRON- IZATION
71	NEED DIRECT MATCHING OF TI CLK WITH MUX SYNCHRONIZATION OF MASTER CLOCK	, 1.544 Mb/s	CLOCK/ RECOVERY VERY STRICT TIMING REQUIRE CLK 1.544± 32 PPN
Faai	NEED CLOCK RECOVERY MINIMUM BUFFER AND STRICT DATA		CLOCK RECOVERY REQUIRED ELASTIC BUFFER
LAN BASE	RATE MATCHING	10 Mb/s	CLOCK RECOVERY NEEDED
NET- BASE WORK T	e l	100 Mb/s	CLOCK RECOVERY NEEDED
WIDE AREA STI/ST3 ATM	PRECISE NEET CLOCK RECOVERY AND DEFRANCH WITH TRANSFER TO PACKET	51.84/155.5 001/003 116/5	TIMEL STAMP REQUIREMENT CLOCK CORRECTION

BELAY/ ATENCY REMARKS TRAFFIC DATA APPLICATIONS TYPE OF TYPE STREAM CHANNEL SENSITIVITY MULTIMEDIA CONSTANT BIT CONSTANT FOR RATE TELECONFERENCING MINIMUM ISOCHRON-LAMINAR BIT VITEO TITTER 005 CONFERENCING STREAM SECURITY SITTER COMPUTER TO VARIABLE REQUIREMENT BIT RATE COMPUTER / PERIPHERAL (NOT VERY ASYNCHRO-TIGHT) NOUS COMPUTER TO MEMORY BU5 SYNCHRO-NOUS MINIMUM SITTER REQUIREMENT FOR VOICE CONSTANT TELEPHONY SYNCHRON-MIN. ACCEPTABLE BIT RATE WIDE AREA 005 LATENCY-150 ms MAX. ELASTICITY OPTICAL NET-FUNCTION OF NET-BURSTY BURSTY WORK/ TOKEN WORK IN ASYNCHRONOUS PACKETIZED BACKBONES ROTATING TIMES PACKETIZED ASYCHRON-COLLISSION LAN ASYNCHRONOUS 0115 DOMAIN CIMITED COLLISSION ASYCHRON-LAN ASYNCHRONOUS DOMAIN 005 CIMITED VARIABLE LATENCY VBR: VARIABLE BIT WIDE CAN MAP DEPENDING ON RATE ATM CELLS AREA TRAFFIC CBR: CONSTANT NETWORK TO FADI MIN. LATENCY PACKETS BIT RATE ABR: AVAILABLE AND SITTER AND THE REQUIREMENT TRANSFER BIT RATE ASTNORONOUS FOR VOICE/TELE-SYNCHRON-TRANSFER MODE PHONE AND MULTI-OUSLY MEDIA TRAFFIC ASYNCHRONOUS



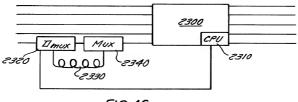
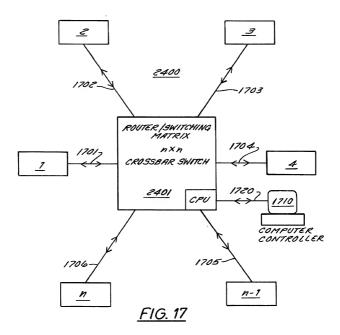


FIG. 16



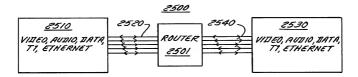


FIG. 18

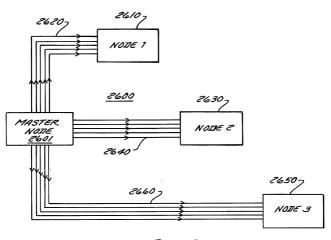
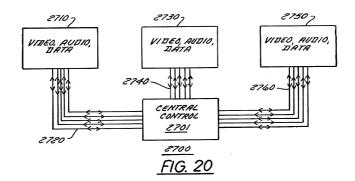
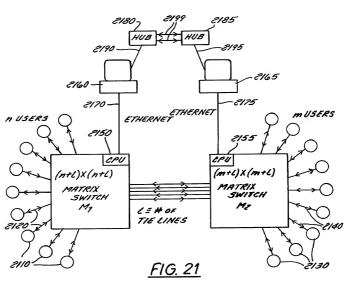


FIG. 19





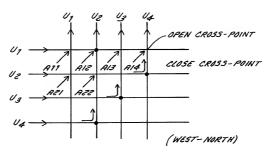
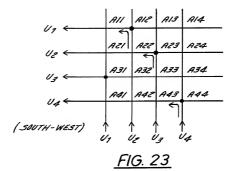


FIG. 22



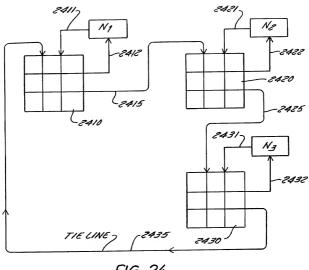


FIG. 24

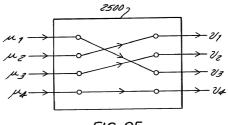


FIG. 25

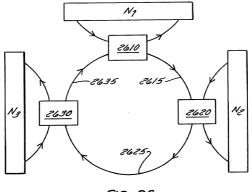


FIG. 26

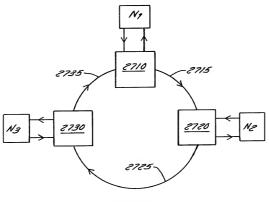


FIG. 27

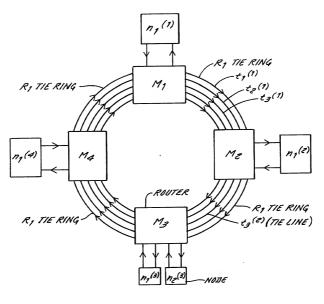
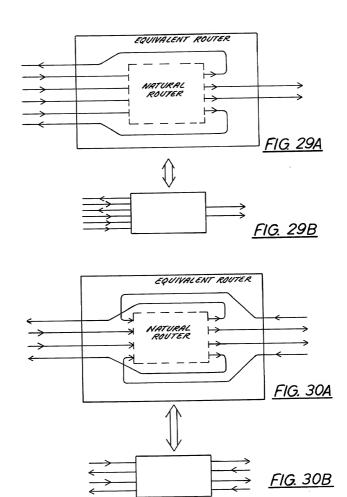


FIG. 28



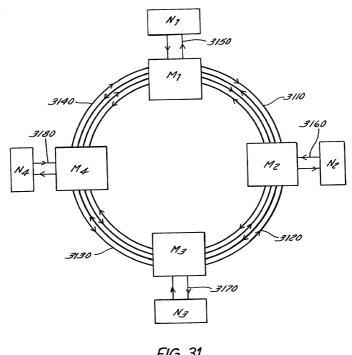
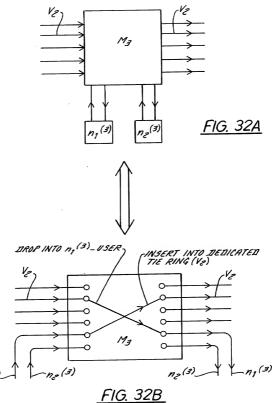
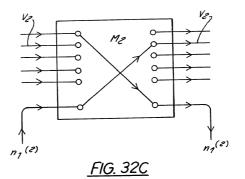


FIG. 31





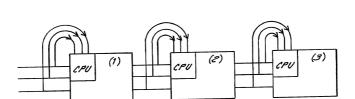
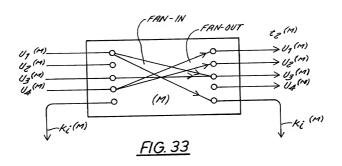


FIG. 32D



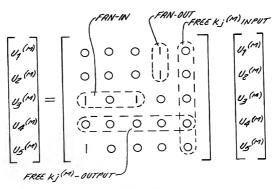
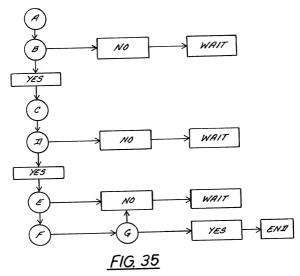
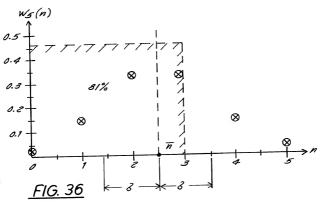
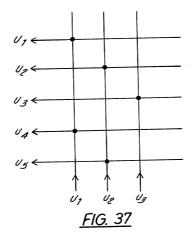
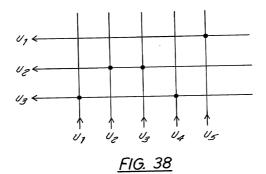


FIG. 34









SET (RNET)	IIATA LINK	CANER	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
NETWORK FULL DUPLEX JEEE 808.3 (10 BASET ETHERNET)			^	COAX CSO MM MM SOO MM M SM 40 MM	1.24695	
DATA DATA ANDIO/VIDEO R9838/428 15DM	ROUTING PROTOCOL	FRAMING PROTOCOL	6-LINK 208/24B	50M COAX 50M 3KM MM IKM 60KM SM 50KM	1	
K3838/4	ROUTING	FRAMIN		d King	300	$\frac{1}{1}$
MULTIMETIA TATA AUTIO [VITEO			7AX/ 108/12B	UTP 100M	SM OUNT	
	w	-1	- CHIPSET N	— DISTANCES) MUTIPLEXER	

FIG. 39

